

# WEST Search History

DATE: Sunday, September 29, 2002

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
<b>side by side</b>			<b>result set</b>
DB	USPT,PGPB; PLUR YES; OP ADJ		
L19	L18 and bath	0	L19
L18	L11 and copper	5	L18
L17	L11 and plating	0	L17
L16	L11 and polyester	0	L16
L15	L11 and vinylidene	0	L15
L14	L11 and (fluorine or pvdf or polyvinylidene fluoride or polyethylene chloride fluoride or polytetrafluoroethylene or polyvinyl fluoride or tetrafluoroethylene hexafluoropropylene copolymer)	0	L14
L13	L11 and (fluorine resin or polyvinylidene fluoride or polyethylene chloride fluoride or polytetrafluoroethylene or polyvinyl fluoride or tetrafluoroethylene hexafluoropropylene copolymer)	0	L13
L12	L11 and porous film	0	L12
L11	L9 and (polyimide or aramid or polyamide or nylon)	8	L11
L10	L9 and (polyimide precursor or polyamic acid or polyamide acid precursor or polyimide solution)	0	L10
L9	L7 and mold same (releasing layer or film)	8	L9
L8	L7 and mold releasing agent	0	L8
L7	L6 and (metal foil or metallic foil or metallic film or metal film)	20	L7
L6	L5 and chemical etching	74	L6
L5	endless belt and (heat resistant resin film or layer) and drum or (cylindrical substrate)	5586	L5
DB	DWPI; PLUR YES; OP ADJ		
L4	heat resistant resin film and (metallic thin film or foil) and endless belt	1	L4
DB	EPAB; PLUR YES; OP ADJ		
L3	heat resistant resin film and (metallic thin film or foil) and endless belt	0	L3
DB	JPAB; PLUR YES; OP ADJ		
L2	heat resistant resin film and (metallic thin film or foil) and endless belt	0	L2
DB	USPT,PGPB; PLUR YES; OP ADJ		
L1	heat resistant resin film and (metallic thin film or foil) and endless belt	3	L1

END OF SEARCH HISTORY

## WEST Search History

DATE: Sunday, September 29, 2002

**Set Name Query**  
**side by side**

**Hit Count Set Name**  
**result set**

*DB DWPI; PLUR = YES; OP ADJ*

L4 heat resistant resin film and (metallic thin film or foil) and endless belt

1 L4

*DB EPAB; PLUR = YES; OP ADJ*

L3 heat resistant resin film and (metallic thin film or foil) and endless belt

0 L3

*DB JPAB; PLUR = YES; OP ADJ*

L2 heat resistant resin film and (metallic thin film or foil) and endless belt

0 L2

*DB USPT,PGPB; PLUR = YES; OP ADJ*

L1 heat resistant resin film and (metallic thin film or foil) and endless belt

3 L1

END OF SEARCH HISTORY

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1. Document ID: US 20020022138 A1 JP 2001341144 A

L4: Entry 1 of 1

File: DWPI

Feb 21, 2002

DERWENT-ACC-NO: 2002-350850

DERWENT-WEEK: 200238

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TITLE: Production of heat-resistant resin film and/or endless belt, involves forming metallic thin film on inner surface of cylindrical substrate, forming heat-resistant resin layer, and peeling accumulated body from substrate

INVENTOR: MAEYAMA, R; OMATA, M ; UEHARA, Y ; YASUNO, M

PRIORITY-DATA: 2000JP-0167835 (June 5, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20020022138 A1	February 21, 2002		018	B32B015/08
JP 2001341144 A	December 11, 2001		015	B29C041/20

INT-CL (IPC): B05 D 1/36; B29 C 41/12; B29 C 41/20; B29 K 67:00; B29 K 77:00; B29 K 105:08; B29 L 29:00; B32 B 15/08; C08 J 5/18; C08 L 101:00; G03 G 15/16; G03 G 15/20; G03 G 15/24; H05 B 6/10; H05 B 6/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Publ	Draw Desc	Image
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Term	Documents
HEAT.DWPI.	945104
HEATS.DWPI.	19845
RESISTANT.DWPI.	213807
RESISTANTS.DWPI.	27
RESIN.DWPI.	604301
RESINS.DWPI.	81682
FILM.DWPI.	650891
FILMS.DWPI.	104823
METALLIC.DWPI.	157578
METALLICS.DWPI.	139
(HEAT RESISTANT RESIN FILM AND (METALLIC THIN FILM OR FOIL) AND ENDLESS BELT).DWPI.	1

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## Search Results - Record(s) 1 through 3 of 3 returned.

## 1. Document ID: US 20020076515 A1

L1: Entry 1 of 3

File: PGPB

Jun 20, 2002

PGPUB-DOCUMENT-NUMBER: 20020076515  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020076515 A1

TITLE: Heat resistant resin film with metal thin film, manufacturing method of the resin film, endless belt, manufacturing method of the belt, and image forming apparatus

PUBLICATION-DATE: June 20, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Maeyama, Ryuichiro	Ashigarakami-gun		JP	
Itoh, Kazuyoshi	Ashigarakami-gun		JP	
Naito, Yasutaka	Ashigarakami-gun		JP	
Ohara, Hideaki	Ashigarakami-gun		JP	

US-CL-CURRENT: 428/35.8; 205/152, 428/328, 428/458

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw Desc	Image
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## 2. Document ID: US 20020022138 A1

L1: Entry 2 of 3

File: PGPB

Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020022138  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020022138 A1

TITLE: Process for producing heat-resistant resin film having metallic thin film, process for producing endless belt, endless belt, and apparatus for forming image

PUBLICATION-DATE: February 21, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Maeyama, Ryuichiro	Ebina-shi		JP	
Uehara, Yasuhiro	Ebina-shi		JP	
Yasuno, Michiaki	Ebina-shi		JP	
Omata, Makoto	Ebina-shi		JP	

US-CL-CURRENT: 428/457; 427/409, 428/458

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	FIGS	Draw Desc	Image
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## 3. Document ID: US 5801729 A

L1: Entry 3 of 3

File: USPT

Sep 1, 1998

US-PAT-NO: 5801729

DOCUMENT-IDENTIFIER: US 5801729 A

TITLE: Image forming device with aperture electrode body

DATE-ISSUED: September 1, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kitamura; Tetsuya	Gifu			JP
Hattori; Tomoaki	Nagoya			JP

US-CL-CURRENT: 347/55; 347/102, 347/103

Full	Title	Citation	Print	Review	Classification	Date	Reference	Sequences	Attachments
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FOI/C	Draw Desc	Image
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Term	Documents
HEAT.USPT,PGPB.	781849
HEATS.USPT,PGPB.	48243
RESISTANT.USPT,PGPB.	305275
RESISTANTS.USPT,PGPB.	77
RESIN.USPT,PGPB.	372589
RESINS.USPT,PGPB.	189363
FILM.USPT,PGPB.	506368
FILMS.USPT,PGPB.	209942
METALLIC.USPT,PGPB.	297250
METALLICS.USPT,PGPB.	1040
THIN.USPT,PGPB.	602042
(HEAT RESISTANT RESIN FILM AND (METALLIC THIN FILM OR FOIL) AND ENDLESS BELT).USPT,PGPB.	3

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